

STATE OF VERMONT
PUBLIC SERVICE BOARD

Docket No. _____

Petition of Green Mountain Power)
Corporation for a Certificate of Public Good)
pursuant to 30 V.S.A. § 248(j) authorizing the)
replacement of three 333 kVA step up)
transformers with a new single 1250 kVA step)
up transformer and associated upgrades)
including oil containment in West Danville,)
Vermont, and the construction of a new)
substation and associated upgrades including)
oil containment in West Danville, Vermont)

PETITION FOR A CERTIFICATE OF PUBLIC GOOD
PURSUANT TO 30 V.S.A. §248(j)

By this Petition, Green Mountain Power Corporation (“GMP” or the “Company”) requests that the Public Service Board (the “Board”) issue the Company a Certificate of Public Good (“CPG”) pursuant to 30 Vermont Statutes Annotated (“V.S.A.”) § 248, and the procedures authorized by Section 248(j), for its proposal to replace the three (3) existing 333 kVA step up transformers located at its West Danville Substation in West Danville Vermont with a new single 1250 kVA step up transformer and associated upgrades including oil containment (“Project A”), and to construct a new substation and associated upgrades including oil containment adjacent to the existing substation (“Project B”). Upon completion of the new substation, the new 1250 kVA step up transformer will be transferred to the new substation and the existing substation will be decommissioned and removed. Projects A and B together with the decommissioning activities are referred to herein as the “Project”.

In support of this Petition GMP represents:

1. GMP is a duly organized public service company with principal place of business at 163 Acorn Lane, Colchester, Vermont, and as such is subject to the Board's jurisdiction pursuant to Section 203 of Title 30.

2. Construction of electric transmission facilities requires a CPG pursuant to 30 V.S.A. § 248.

3. The Company proposes to make both temporary and permanent improvements to the GMP West Danville Substation located on Power Plant Road in West Danville, Vermont. Project A will take place at the existing substation and will involve the replacement of the three (3) existing 333 kVA step up transformers with a single 1250 kVA step up transformer with oil containment. Project B will consist of the construction of a new substation, adjacent to the existing substation, including oil containment. Following the construction of the new substation, the existing substation will be decommissioned and the new 1250 kVA transformer will be transferred to the new substation during a non-generation period.

4. The Project is needed to replace aged infrastructure, improve overall accessibility at the substation site, improve safety and modernize GMP's electric transmission infrastructure. Currently two of the three 1928 vintage 333kVA transformers have tested poorly and all three are being retired and taken out of service. As a result of the work contemplated under the Petition, GMP will be able to match substation transformer capacity with the generation output of the adjacent West Danville Hydroelectric Generating Station.

5. GMP is planning to replace the existing step up transformers with the new 1250 kVA step up transformer with oil containment at the existing substation in early spring 2014.

The construction activities for the proposed new substation are expected to occur during the months from June 1, 2014 to September 30, 2014. All Project work should be completed by December 1, 2014.

6. The proposed Project meets the criteria established by 30 V.S.A. § 248, including the environmental criteria incorporated from 10 V.S.A § 6086(a) pursuant to 30 V.S.A. § 248(b)(5), and therefore warrants that the Board make the findings requisite to the issuance of a CPG.

7. By ensuring reliable service to the Company's customers, the proposed substation replacement Project as described herein, and in GMP's supporting testimony and exhibits, will promote the general good of the State of Vermont.

8. This Petition is appropriately processed and resolved by the Board under the provisions of 30 V.S.A. § 248(j), in that the proposed work:

- (a) involves construction of facilities under 30 V.S.A. §248(a)(2);
- (b) is of limited size and scope;
- (c) does not raise a significant issue with respect to the substantive criteria of 30 V.S.A. § 248; and
- (d) is such that the public interest will be satisfied by use of the procedures delineated in 30 V.S.A. § 248(j).

9. Proposed findings and a proposed certificate of public good have been filed herewith in accordance with the requirements of 30 V.S.A. § 248(j).

10. In accordance with 30 V.S.A. § 248(f), the Town of Danville Planning Commission, the Town of Danville Selectboard and the Northeastern Vermont Development Association have agreed to waive the 45 day notice period in order to permit GMP to proceed to

file this Petition with the Board. Copies of the executed waiver are included as Exhibit GMP-JPL-WD1 and are appended to the prefiled Direct Testimony of Jason P. Lyver.

In support of this Petition, GMP submits prefiled testimony and exhibits sponsored by the following witnesses:

<u>Witnesses</u>	<u>Subject</u>
Joseph Adorno	Describes the modifications to the existing substation, the design of the proposed replacement substation, Project cost and schedule, and impact on system stability and reliability.
Kim L. Jones, P.E.	Describes the need for the Project; economic impacts; impact on system planning; and effect on existing and planned transmission facilities.
Jason P. Lyver	Explains the environmental impacts of the proposal.

WHEREFORE, the Company respectfully requests that the Board:


- (1) Authorize the review and consideration of this Petition under the procedures set out in 30 V.S.A. § 248(j);
- (2) Waive notice and hearing in accordance with Section 248(j);
- (3) Expedite the review of Project A in order to permit the temporary installation of the new 1250 kVA step up transformer with oil containment at the existing substation in early spring 2014. See Motion for Expedited Review of Project A or, in the alternative, a Declaratory Ruling that a Certificate of Public Good Pursuant to 30 V.S.A. § 248 is Not Required for Project A;
- (4) Make findings as required by 30 V.S.A. § 248;
- (5) Find that the proposed Project will promote the general good of the State of Vermont, and authorize GMP to undertake the actions as described herein and in its supporting testimony and exhibits;
- (6) Issue a Certificate of Public Good to that effect; and

(7) Issue any further relief as the Board deems just and proper.

DATED at BENSON, VERMONT this 11th day of December, 2013.

RESPECTFULLY SUBMITTED

GREEN MOUNTAIN POWER
CORPORATION

By: 
Morris L. Silver, Esq.
Attorney for Green Mountain Power
Corporation

THE KELLOGG FARM
Stage Road
Post Office Box 606
Benson, Vermont 05731-0606
(802) 537-2264
MLSILVER@SOVER.NET

cc: Service List